

RULE 63 (37 C.F.R. 1.63)
INVENTOR'S DECLARATION FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

A METHOD AND APPARATUS FOR OBTAINING A SCALAR VALUE DIRECTLY FROM A VECTOR REGISTER

the specification of which (check applicable box(es)):

☐ is attached hereto

☒ was filed on

April 7, 2000

as U.S. Application Serial No. 09/545,182

(Atty Dkt. No. 723-840)

☐ was filed as PCT International application No. _____ on _____

and (if applicable to U.S. or PCT application) was amended on _____

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application:

Priority Foreign Application(s):

Application Number

Country

Day/Month/Year Filed

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

Application Number

Date/Month/Year Filed

I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior applications in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:

Prior U.S./PCT Application(s):

Application Serial No.

Day/Month/Year Filed

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FEB 26 2002

Status: patented
pending, abandoned

Technology Center 2100

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint **NIXON & VANDERHYE P.C., 1100 North Glebe Rd., 8th Floor, Arlington, VA 22201-4714, telephone number (703) 816-4000 (to whom all communications are to be directed)**, and the following attorneys thereof (of the same address) individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent: Larry S. Nixon, 25640; Arthur R. Crawford, 25327; James T. Hosmer, 30184; Robert W. Faris, 31352; Richard G. Besh, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27393; Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Jeffrey H. Nelson, 30481; John R. Lastova, 33149; H. Warren Burnam, Jr. 29366; Mary J. Wilson, 32955; J. Scott Davidson, 33489; Alan M. Kagen, 36178; Robert A. Molan, 29834; B. J. Sadoff, 36663; James D. Berquist, 34776; Updeep S. Gill, 37334; Michael J. Shea, 34725; Donald L. Jackson, 41090; Michelle N. Lester, 32331; Frank P. Presta, 19828; Joseph S. Presta, 35329; Joseph A. Rhoads, 37515; Raymond Y. Mah, 41426; Chris Comuntzis, 31097. I also authorize Nixon & Vanderhye to delete any attorney names/numbers no longer with the firm and to act and rely solely on instructions directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s).

1. Inventor's Signature: _____

Inventor:

Yu-Chung
(first)

C.
MI

LIAO
(last)

Date: _____

USA
(citizenship)

Residence: (city)

Austin

(state/country)

Texas

Post Office Address:

10707 Lochness Cove, Austin, Texas

(Zip Code)

78750

2. Inventor's Signature: _____

Inventor:

Peter
(first)

A.
MI

SANDON
(last)

Date: _____

USA
(citizenship)

Residence: (city)

Essex Junction

(state/country)

Vermont

Post Office Address:

4 Lang Drive, Essex Junction, Vermont

(Zip Code)

05452

FOR ADDITIONAL INVENTORS, check box ☒ and attach sheet with same information and signature and date for each.

3.	Inventor's Signature: _____	Date: _____
	Inventor: Howard CHENG USA	
	(first) (last) (citizenship)	
	Residence: (city) Sammamish (state/country) Washington	
	Post Office Address: 2005 212th. PL NE, Redmond, Washington	
	(Zip Code) 98053	
4.	Inventor's Signature: _____	Date: _____
	Inventor: Timothy J.. VAN HOOK USA	
	(first) MI (last) (citizenship)	
	Residence: (city) Atherton (state/country) California	
	Post Office Address: 224 Oak Grove Ave., Atherton, California	
	(Zip Code) 94027	
5.	Inventor's Signature: _____	Date: _____
	Inventor: _____	
	(first) MI (last) (citizenship)	
	Residence: (city) _____	
	Post Office Address: _____	
	(Zip Code) _____	
6.	Inventor's Signature: _____	Date: _____
	Inventor: _____	
	(first) MI (last) (citizenship)	
	Residence: (city) _____	
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A METHOD AND APPARATUS FOR OBTAINING A SCALAR VALUE DIRECTLY FROM A VECTOR REGISTER

the specification of which (check applicable box(es)):

☐ is attached hereto
☒ was filed on April 7, 2000 as U.S. Application Serial No. 09/545,182 (Atty Dkt. No. 723-840)
☐ was filed as PCT International application No. _____ on _____
 and (if applicable to U.S. or PCT application) was amended on _____

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Application Number	Country	Day/Month/Year Filed
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Application Serial No.	Day/Month/Year Filed
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FEB 26 2002

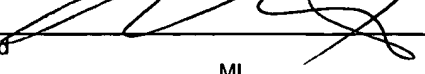
Status: patented
pending, abandoned

Technology Center 2100

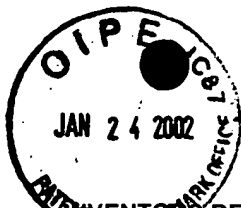
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And on behalf of the owner(s) hereof, I hereby appoint **NIXON & VANDERHYE P.C., 1100 North Glebe Rd., 8th Floor, Arlington, VA 22201-4714, telephone number (703) 816-4000 (to whom all communications are to be directed)**, and the following attorneys thereof (of the same address) individually and collectively owner's/owners' attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent: Larry S. Nixon, 25640; Arthur R. Crawford, 25327; James T. Hosmer, 30184; Robert W. Faris, 31352; Richard G. Besha, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27393; Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Jeffrey H. Nelson, 30481; John R. Lastova, 33149; H. Warren Burnam, Jr. 29366; Mary J. Wilson, 32955; J. Scott Davidson, 33489; Alan M. Kagen, 36178; Robert A. Molan, 29834; B. J. Sadoff, 36663; James D. Berquist, 34776; Updeep S. Gill, 37334; Michael J. Shea, 34725; Donald L. Jackson, 41090; Michelle N. Lester, 32331; Frank P. Presta, 19828; Joseph S. Presta, 35329; Joseph A. Rhoads, 37515; Raymond Y. Mah, 41426; Chris Comuntzis, 31097. I also authorize Nixon & Vanderhye to delete any attorney names/numbers no longer with the firm and to act and rely solely on instructions directly communicated from the person, assignee, attorney, firm, or other organization sending instructions to Nixon & Vanderhye on behalf of the owner(s).

1.	Inventor's Signature:				Date:	
	Inventor:	Yu-Chung	C.	LIAO	USA	
		(first)	MI	(last)	(citizenship)	
	Residence: (city)	Austin		(state/country)	Texas	
	Post Office Address:	10707 Lochness Cove, Austin, Texas				
	(Zip Code)	78750				
2.	Inventor's Signature:				Date:	
	Inventor:	Peter	A.	SANDON	USA	
		(first)	MI	(last)	(citizenship)	
	Residence: (city)	Essex Junction		(state/country)	Vermont	
	Post Office Address:	4 Lang Drive, Essex Junction, Vermont				
	(Zip Code)	05452				

FOR ADDITIONAL INVENTORS, check box ☒ and attach sheet with same information and signature and date for each.

3. Inventor's Signature:  Date: 1/3/2002
Inventor: Howard MI CHENG USA
(first) (last) (citizenship)
Residence: (city) Sammamish (state/country) Washington
Post Office Address: 2005 212th. PL NE, Redmond, Washington
(Zip Code) 98053
4. Inventor's Signature: _____ Date: _____
Inventor: Timothy J.. VAN HOOK USA
(first) (last) (citizenship)
Residence: (city) Atherton (state/country) California
Post Office Address: 224 Oak Grove Ave., Atherton, California
(Zip Code) 94027
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Inventor: _____
(first) MI (last) (citizenship)
Residence: (city) _____ (state/country) _____
Post Office Address: _____
(Zip Code) _____
6. Inventor's Signature: _____ Date: _____
Inventor: _____
(first) MI (last) (citizenship)
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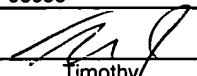
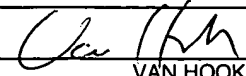
Status: patented
pending, abandoned

FEB 26 2002

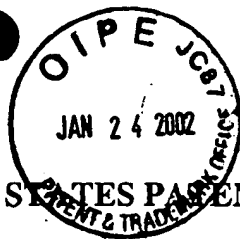
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1.	Inventor's Signature:				Date:	
	Inventor:	Yu-Chung	C.	LIAO		USA
		(first)	MI	(last)		(citizenship)
	Residence: (city)	Austin		(state/country)	Texas	
	Post Office Address:	10707 Lochness Cove, Austin, Texas				
	(Zip Code)	78750				
2.	Inventor's Signature:				Date:	
	Inventor:	Peter	A.	SANDON		USA
		(first)	MI	(last)		(citizenship)
	Residence: (city)	Essex Junction		(state/country)	Vermont	
	Post Office Address:	4 Lang Drive, Essex Junction, Vermont				
	(Zip Code)	05452				

FOR ADDITIONAL INVENTORS, check box ☒ and attach sheet with same information and signature and date for each.

3. Inventor's Signature: _____ Date: _____
Inventor: Howard CHENG USA
(first) (last) (citizenship)
MI (state/country)
Residence: (city) Sammamish Washington
Post Office Address: 2005 212th. PL NE, Redmond, Washington
(Zip Code) 98053
4. Inventor's Signature:   Date: 4/13/01
Inventor: Timothy J. VAN HOOK USA
(first) (last) (citizenship)
MI (state/country)
Residence: (city) Atherton California
Post Office Address: 224 Oak Grove Ave., Atherton, California
(Zip Code) 94027
5. Inventor's Signature: _____ Date: _____
Inventor: _____
(first) MI (last) (citizenship)
Residence: (city) (state/country)
Post Office Address: _____
(Zip Code)
6. Inventor's Signature: _____ Date: _____
Inventor: _____
(first) MI (last) (citizenship)
Residence: (city) (state/country)
Post Office Address: _____
(Zip Code)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

LIAO et al.

Atty. Ref.: 723-840

Serial No. 09/545,182

Group Art Unit:

Filed: April 7, 2000

Examiner:

For: A METHOD AND APPARATUS FOR OBTAINING A SCALAR
VALVE DIRECTLY FROM A VECTOR REGISTRAR

* * * * *

Assistant Commissioner for Patents
Washington, DC 20231

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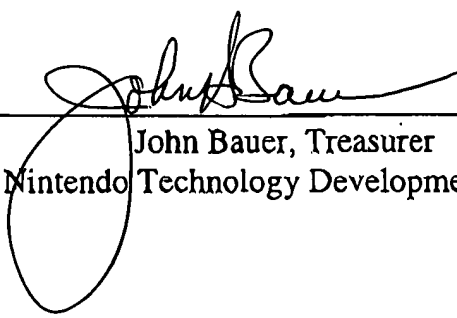
Sir:

Technology Center 2100

CONSENT

Nintendo Technology Development Inc., does hereby give consent to the addition
of Tim Van Hook as an inventor on the U.S. patent application number 09/545,182.

Nintendo Technology Development Inc. received assignment from inventor
Howard Cheng.

Date: 1/15/02
John Bauer, Treasurer
Nintendo Technology Development Inc.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

LIAO et al.

Serial No. 09/545,182

Filed: April 7, 2000



Atty. Ref.: 723-840

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For: A METHOD AND APPARATUS FOR OBTAINING A SCALAR
VALVE DIRECTLY FROM A VECTOR REGISTRAR

* * * * *

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

RECEIVED**FEB 26 2002****Technology Center 2100****CONSENT**

International Business Machines Corporation does hereby give consent to the
addition of Tim Van Hook as an inventor on the U.S. patent application number
09/545,182.

International Business Machines Corporation received assignment from inventors
Yu-Chung Liao and Peter Sandon.

Date: 1-15-02


International Business Machines Corporation

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

LIAO et al.

Serial No. 09/545,182

Filed: April 7, 2000

For: A METHOD AND APPARATUS FOR OBTAINING A SCALAR
VALUE DIRECTLY FROM A VECTOR REGISTER

* * * * *

Assistant Commissioner for Patents
Washington, DC 20231

Sir:



Atty. Ref.: 723-840

Group Art Unit:

Examiner:

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Technology Center 2100

INVENTOR STATEMENT

Tim Van Hook, as the person being added as an inventor, does hereby declare that the error in inventorship occurred without deceptive intention on his part in the filing of U.S. patent application number 09/545,182.

Date: 4/13/01


Tim Van Hook
Inventor

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

LIAO et al.

Serial No. 09/545,182

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REGISTER



Atty. Ref.: 723-840

Group Art Unit:

Examiner:

Assistant Commissioner for Patents
Washington, DC 20231

Sir:

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Technology Center 2100

CONSENT

Nintendo Co., Ltd., does hereby give consent to the addition of Tim Van Hook as
an inventor on the U.S. patent application number 09/545,182.

Nintendo Co., Ltd. received assignment from Nintendo Technology Development
Inc.

Date: May 14, 2001



Nintendo Co., Ltd.